

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of: SHADE, et al.

Serial No: NYA

Filed: August 2, 2001

Examiner: NYA

Group Art Unit: NYA

FOR: THE USE OF ADNF FOR THE TREATMENT OF RETINAL OR OPTIC NERVE  
HEAD DAMAGE

**INFORMATION DISCLOSURE STATEMENT PURSUANT  
TO 37 C.F.R. 1.56, 1.97, AND 1.98**

Assistant Commissioner for Patents  
Washington, D.C. 20231

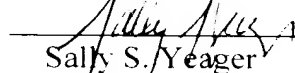
Sir:

Pursuant to the duty of disclosure under 37 C.F.R. 1.56, 1.97, and 1.98, Applicants submit the patents, articles, and other information referenced in the specification as filed. The references are listed on the attached PTO Form 1449.

Applicants request that the listed patents, articles, and other information be considered during prosecution of this application and that they appear among the "References Cited" on any patent issuing herefrom.

Respectfully submitted.

Aug 2, 2001  
Date

By:   
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26356

PATENT TRADEMARK OFFICE

Attorney Docket No. 1812 US

Form PTO-1449

U.S. Dept. of Commerce  
Patent & Trademark Office

ATTY. DOCKET NO.

**1812 US**

SERIAL NO.

**NYA****LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT

**SHADE, et al.**

FILING DATE

**August 2, 2001**

GROUP

**NYA**
 J16971 U.S. PTO  
 09/920931  
 08/02/01
**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,710,165	01/20/98	Kapin, et al.	514	317	
AB	5,767,240	06/16/98	Brenneman, et al.	530	350	
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	94/13275	23.06.94	PCT			X	
	AM	96/11948	25.04.96	PCT			X	
	AN	98/35042	13.08.98	PCT			X	
	AO							
	AP							

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

AR	Sommer, et al., "Relationship between intraocular pressure and primary open angle glaucoma among white and black Americans," <i>Arch Ophthalmol.</i> , Vol. 109:1090-1095, August 1991.
AS	Flammer, J., "Normaldruckglaukom," <i>Fortschr Ophthalmol.</i> , Vol. 87[Suppl]:S187-S189, Spring, 1990.
AT	Adachi, et al., "Inhibition of NMDA receptors and nitric oxide synthase reduces ischemic injury of the retina," <i>European Journal of Pharmacology</i> , Vol. 350:53-57, 1998.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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	BA					
	BB					
	BC					
	BD					
	BE					
	BF					
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	BI					
	BJ					
	BK					

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	BL						
	BM						
	BN						
	BO						
	BP						

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	BR	Yoles, et al., "Elevation of intraocular glutamate levels in rats with partial lesion of the optic nerve," <i>Arch Ophthalmol</i> , Vol. 116:906-910, July, 1998.
	BS	DiPolo, et al., "Prolonged delivery of brain-derived neurotrophic factor by adenovirus-infected Muller cells temporarily rescues injured retinal ganglion cells." <i>Proc. Natl. Acad. Sci.</i> , Vol. 95:3978-3983, March, 1998.
	BT	Caprioli, et al., "Hyperthermia and hypoxia increase tolerance of retinal ganglion cells to anoxia and Excitotoxicity." <i>Investigative Ophthal &amp; Visual Science</i> , Vol. 37(12):2376-2381, November, 1996.

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	CH					
	CI					
	CJ					
	CK					

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							YES	NO
	CL							
	CM							
	CN							
	CO							
	CP							

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	CR	Woldemussie, et al., "Functional measures of inner retinal damage following acute retinal ischemia with and without pretreatment with NMDA antagonists." <i>Invest. Ophthalm. &amp; Visual Science</i> , Vol. 38(4):S100, 1997.
	CS	Chaudhary, et al., "MK-801 - A neuroprotectant in rat hypertensive eyes." <i>Brain Research</i> , Vol. 792:154-158, 1998.
	CT	Gozes, et al., "Antiserum to activity-dependent neurotrophic factor produces neuronal cell death in CNS cultures: immunological and biological specificity." <i>Brain Research</i> , 99:167-175, April 18, 1997.

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	DB					
	DC					
	DD					
	DE					
	DF					
	DG					
	DH					
	DI					
	DJ					
	DK					

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
	DL	Patent No.				
	DM					
	DN					
	DO					
	DP					

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	DR	Brenneman, et al., "Activity-dependent neurotrophic factor: Structure-activity relationships of femtomolar-acting peptides <sup>1</sup> ," <i>Journal of Pharmacology &amp; Experimental Therapeutics</i> , Vol. 285(2):619-627, 1998.
	DS	Gozes, et al., "Activity-dependent neurotrophic factor (ADNF)," <i>Journal of Molecular Neuroscience</i> , Vol. 7(4):235-244, Winter 1996.
	DT	Guo, et al., "Neurotrophic factors [activity-dependent neurotrophic factor (ADNF) and basic fibroblast growth factor (bFGF)] interrupt excitotoxic .....," <i>Proc. Natl. Acad. Sci.</i> , Vol. 96:4125-4130, March 1999.

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EA	Patent No.	Date	Inventors	Class	Subclass	
EB						
EC						
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EE						
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EG						
EH						
EI						
EJ						
EK						

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						YES NO
EL	Patent No.					
EM						
EN						
EO						
EP						

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

ER	Gozes, et al., "A new concept in the pharmacology of neuroprotection," <i>Journal of Molecular Neuroscience</i> , Vol. 14:61-68, 2000.
ES	
ET	

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